

# Anti-RFP tag antibody

Catalog: PHY5017

## Product Information

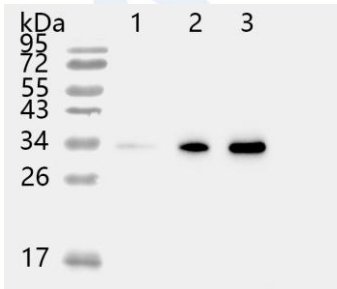
|                        |  |
|------------------------|--|
| <b>Description:</b>    | Mouse monoclonal antibody  |
| <b>Synonyms:</b>       | RFP tag  |
| <b>Immunogen:</b>      | Recombinant protein corresponding to fragment (aa/21-245) RFP Tag.   |
| <b>Form:</b>           | Lyophilized  |
| <b>Quantity:</b>       | 150 µg   |
| <b>Purification:</b>   | Protein A purified   |
| <b>Reconstitution:</b> | Reconstitution with 150 µl of 0.01 M sterile PBS.<br>"Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube". |
| <b>Stability &amp;</b> | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.  |
| <b>Storage:</b>        | 12 months from date of receipt, -20 to -70°C as supplied.<br>6 months, -20 to -70°C under sterile conditions after reconstitution.<br>1 month, 2 to 8°C under sterile conditions after reconstitution.             |
| <b>Shipping:</b>       | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.  |

## Application Information

|                              |  |
|------------------------------|--|
| <b>Recommended Dilution:</b> | Western Blot (1:1000-1:2000)<br>Note: Optimal dilutions/concentrations should be determined by the end user. |
| <b>Confirmed Reactivity:</b> | Anti-RFP tag recognizes recombinant protein RFP and RFP-tagged fusion proteins.                              |

Research Use Only

## Application Example



Lane 1: 10 ng recombinant RFP protein.

Lane 2: 25 ng recombinant RFP protein.

Lane 3: 40 ng recombinant RFP protein.

**Electrophoresis:** 12% SDS-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

**Blocking:** 5% skim milk at RT or 4°C for 1 h.

**Primary antibody:** 1:1000 dilution overnight at 4°C.

**Secondary antibody:** 1:5000 dilution using Goat Anti-Mouse IgG H&L (HRP) (Cat# PHY6006).

**Detection:** using chemiluminescence substrate and image were captured with CCD camera.